

Title (en)

READOUT ORDERING IN COLLECTION OF RADIAL MAGNETIC RESONANCE IMAGING DATA

Title (de)

AUSLESEREIHENFOLGE BEIM SAMMELN RADIALER MAGNETRESONANZ-BILDDATEN

Title (fr)

ORDONNANCEMENT DE LECTURE DANS LA COLLECTE DE DONNEES RADIALES D'IMAGERIE PAR RESONANCE MAGNETIQUE

Publication

**EP 1685421 A1 20060802 (EN)**

Application

**EP 04799053 A 20041103**

Priority

- IB 2004052286 W 20041103
- US 51983603 P 20031113

Abstract (en)

[origin: WO2005047920A1] In a magnetic resonance imaging apparatus, a sensor (120, 122, 124, 126, 130) measures a displacement of a feature of interest. A magnetic resonance imaging scanner (10) acquires radial readout lines of magnetic resonance imaging data. A reconstruction processor (58) reconstructs the acquired readout lines into reconstructed image data. A coordinating processor (134, 140) coordinates a direction of a radial readout line with the determined displacement. The coordinating processor (134, 140) biases at least one of the magnetic resonance imaging scanner (10) and the reconstruction processor (58) toward a selected relationship between readout magnetic field gradient direction and the determined displacement of the feature of interest.

IPC 8 full level

**G01R 33/567** (2006.01)

CPC (source: EP US)

**G01R 33/4824** (2013.01 - EP US); **G01R 33/5673** (2013.01 - EP US)

Citation (search report)

See references of WO 2005047920A1

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